Claims

1. A traveling vehicle being characterized in that

a body frame (2) is interposed between a pair of left and right traveling parts (1, 1) and mounts a prime mover part (3) and a transmission part (5) which is interlockingly connected with the prime mover part (3),

a power transmission system (45) for traveling straight forward, a power transmission system (46) for turning, a power transmission system (47) for PTO and a power transmission system (48) for driving a pump are integrally arranged in the inside of the transmission part (5), and

a transmission device (6) for traveling straight forward and a continuously variable transmission device (7) for turning are interlockingly arranged in a juxtaposed state in the transmission part (5).

2. A traveling vehicle being characterized in that

a body frame (2) is interposed between a pair of left and right traveling parts (1, 1) and mounts a prime mover part (3) and a transmission part (5) which is interlockingly connected with the prime mover part (3),

the transmission part (5) includes a transmission front lid portion (42), a transmission body portion (43) which is integrally formed with an axle case (24) and a transmission intermediate portion (44) which is provided between the transmission front lid portion (42) and the

transmission body portion (43),

a power transmission system (45) for traveling straight forward, a power transmission system (46) for turning, a power transmission system (47) for PTO and a power transmission system (48) for driving a pump are integrally arranged in the inside of the transmission part (5),

power which is inputted from the prime mover part (3) through the transmission front lid portion (42) is designed to be branched and transmitted to the power transmission system (45) for traveling straight forward, the power transmission system (46) for turning and the power transmission system (47) for PTO at the transmission intermediate portion (44) and the transmission front lid portion (42), and

a parking brake (70) and a PTO clutch (98) are arranged in the inside of the transmission intermediate portion (44).

3. A traveling vehicle being characterized in that

a body frame (2) is interposed between a pair of left and right traveling parts (1, 1) and mounts a prime mover part (3) and a transmission part (5) which is interlockingly connected with the prime mover part (3),

a transmission device (6) for traveling straight forward and a continuously variable transmission device (7) for turning are interlockingly connected with the transmission part (5) in a juxtaposed state, and

charge ports (118, 119) of the transmission devices (6, 7) are communicably connected with each other through

a charge oil passage (117) formed in the inside of a wall portion of the transmission part (5).

4. A traveling vehicle being characterized in that

a continuously variable transmission device (7) for turning and a transmission device (6) for traveling straight forward are interlockingly connected with a transmission part (5),

a steering wheel (34) is interlockingly connected with the continuously variable transmission device (7) for turning by way of an operation mechanism (126) for turning,

a forward/backward traveling changeover lever (40) is interlockingly connected with the transmission device (6) for traveling straight forward by way of an operation mechanism (128) for traveling straight forward, and

a booster (129) for turning operation is mounted on an intermediate portion of the operation mechanism (129) for turning, and a booster (130) for traveling straight forward is mounted on an intermediate portion of the operation mechanism (128) for traveling straight forward.

5. A traveling vehicle according to claim 4, wherein the booster (129) for turning operation, an interlocking operation member of the booster (129) for turning operation, the booster (130) for traveling straight forward, and an interlocking operation member of the booster (129) for traveling straight forward are arranged along positions in the vicinity of left-side and right-side body frame forming members (23, 23) which are arranged such that the members

(23, 23) extend in the fore-and-aft direction, and

the respective boosters (129, 130) adopt a hydraulic actuation method and a working oil is supplied to the respective boosters (129, 130) by way of booster supply oil passages (139, 139) which are formed by branching from charge oil passages (117, 117) leading to the transmission devices (6, 7).